

Converting Colors

HunterLab(17.3733, -4.7265,
6.2922)

Have a look what the booklet for
HunterLab(17.3733, -4.7265, 6.2922)
contains.

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Color

**HunterLab(17.3910, -4.6375,
6.2156)**

Conversions

Conversions Part 1

Format	Color
Hex	2D331F
RGB	45, 51, 31
RGB Percent	18%, 20%, 12%
CMY	0.8235, 0.8000, 0.8784
CMYK	0.12, 0.00, 0.39, 0.80
HSL	78°, 24%, 16%
HSV	78°, 39%, 20%
XYZ	2.5133, 3.0245, 1.7476
YIQ	46.9260, 2.8440, -7.4920

Conversions

Conversions Part 2

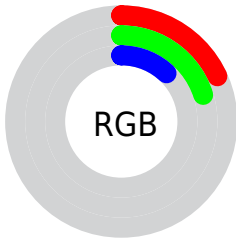
Format	Color
RYB	31, 51, 37
Decimal	2962207
CIELab	20.14, -6.82, 11.86
CIELCh	20, 13.685, 119.901
Yxy	3.0246, 0.3450, 0.4151
Android (android.graphics.Color)	4281152287 (0xFF2D331F)
YUV	46.9260, -7.8515, -1.6891
Hunter-Lab	17.3910, -4.6375, 6.2156

Details

The HunterLab color **17.3910, -4.6375, 6.2156** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.6980, 3.7930, -6.7339**, and the grayscale version is **16.8603, -0.8996, 0.9161**.

A 20% lighter version of the original color is **33.5880, -6.3839, 8.8347**, and **1.4734, -1.2634, 0.8858** is the 20% darker color. If you saturate the color by 10%, you get **17.2213, -5.4133, 7.1723**, and if you desaturate by 10%, it is **17.5756, -3.7965, 5.1058**.

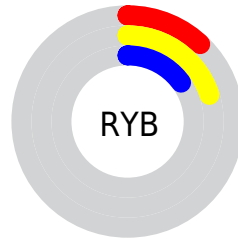
Distribution



Red (18%)

Green (20%)

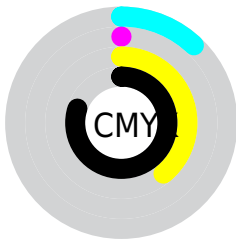
Blue (12%)



Red (12%)

Yellow (20%)

Blue (15%)

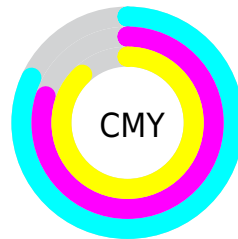


Cyan (12%)

Magenta (0%)

Yellow (39%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3910, -4.6375, 6.2156 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 17.3910, -4.6375, 6.2156 by changing the saturation by 10% instead.

■ 17.3910, -4.6375,
6.2156

■ 17.3910, -4.6375,
6.2156

■ 113.3975,
-13.2080, 17.5107

■ 10.6986, -3.6726,
5.3104

■ 33.6703, -6.4947,
8.8854

■ 1.2545, -2.1954,
0.8782

■ 43.0557, -7.4191,
10.1472

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.1803, -8.3506,
11.3864

0.0000, NaN, NaN

■ 63.9936, -9.2931,
12.6134

0.0000, NaN, NaN

■ 75.4543, -10.2488,
13.8352


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.5276, -11.2193,


15.0565


0.0000, NaN, NaN


 100.1839,
-12.2055, 16.2808


 17.3910, -4.6375,
6.2156


 17.3910, -4.6375,
6.2156


 17.2213, -5.4133,
7.1723


 17.5756, -3.7965,
5.1058


 17.0650, -6.1219,
7.9769


 17.7740, -2.8899,
3.8423


 16.9224, -6.7640,
8.6324

 17.9866, -1.9197,
2.4265

 16.7929, -7.3405,
9.1437

 18.2135, -0.8878,
0.8605

 16.6722, -7.8754,
9.5738

 18.4546, 0.2036,
-0.8525

■ 16.5543, -8.4042,
10.0125

■ 18.7097, 1.3519,
-2.7087

■ 16.5452, -8.4454,
10.0472

■ 18.9788, 2.5546,
-4.7035

■ 19.2616, 3.8088,
-6.8320

■ 19.5578, 5.1118,
-9.0889

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.3914, -0.9154, 6.8382



17.3910, -4.6375, 6.2156



17.3914, -7.1580, 4.2627

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.3914, -4.6380, 6.2158



17.3914, -4.6593, -6.7460



17.3914, 7.5502, 0.9338

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.3910, -4.6375, 6.2156



12.6980, 3.7930, -6.7339

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.3914, 6.3228, -3.1865



17.3910, -4.6375, 6.2156



17.3914, -0.9424, -8.1939

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.3914, -4.6380, 6.2158



17.3914, -7.1695, -3.1592



17.3914, 3.1197, -6.7641



17.3914, 6.3384, 4.2451

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.3910, -4.6375, 6.2156



17.3914, -7.9414, 2.1945



17.3914, 3.1197, -6.7641



17.3914, 7.4078, -0.4010

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.3914, -4.6380, 6.2158



23.0817, -2.9093, 3.7712



14.5807, 2.3255, 3.7538



12.1884, -1.5304, 1.9828



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.3914, -4.6380, 6.2158



22.1859, -6.9989, 9.2699



16.8049, -6.8436, 5.6615



9.9086, -1.0015, 1.2534



28.6808, -15.2797, 17.4055



74.9299, -41.4506, 45.4458

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.6980, 3.7930, -6.7339



14.6749, 6.6402, -11.8535



13.5033, 6.2430, -5.3225



9.3482, -0.0093, -0.2539



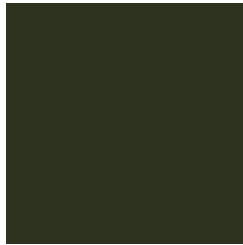
9.7749, 24.1614, -51.2146



24.7422, 62.5664, -140.5576

Previews

White Background



This preview shows how the HunterLab color 17.3910, -4.6375, 6.2156 looks on a white background.

Color Contrast Check

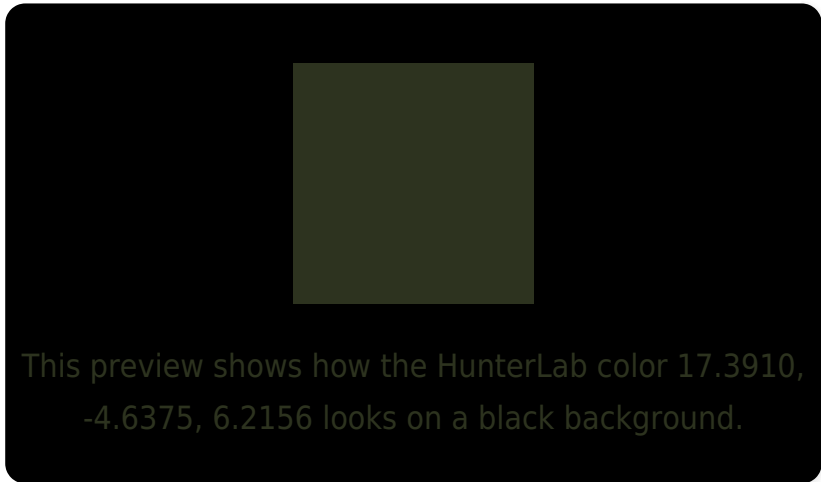
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

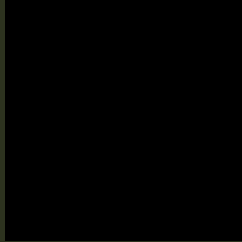
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.3910, -4.6375, 6.2156 Background



This preview shows how black text looks on a background with the HunterLab color 17.3910, -4.6375, 6.2156.

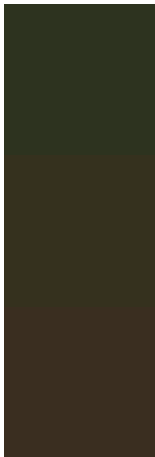


This preview shows how white text looks on a background with the HunterLab color 17.3910, -4.6375,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.3910, -4.6375, 6.2156

Protanopia

17.4564, -1.9085, 6.5513

Deuteranopia

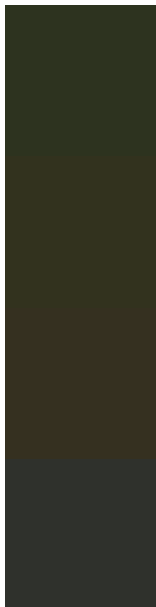
17.1983, 0.8595, 5.9016



Tritanopia

17.2922, -0.3703, -0.4903

Trichromacy



Original Color

17.3910, -4.6375, 6.2156

Protanomaly

17.4730, -3.0938, 6.5447

Deuteranomaly

17.2484, -1.3544, 5.9074

Tritanomaly

17.2708, -2.0578, 2.4259

Monochromacy



Original Color

17.3910, -4.6375, 6.2156

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.8963, -2.2709, 3.0103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3910, -4.6375, 6.2156 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(45, 51, 31)` looks like.

```
.text, #text, p{  
    color:rgb(45, 51, 31)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(45, 51, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 51, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3910, -4.6375, 6.2156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(45, 51, 31) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(45, 51, 31) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(45, 51, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 51, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 51, 31);  
box-shadow:4px 4px 4px 4px rgb(45, 51, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3910, -4.6375, 6.2156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 51, 31) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(45, 51,  
31) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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